



FCC DOC TEST REPORT

According to

47 CFR, Part 2, Part 15, CISPR PUB. 22

Applicant	: Zhejiang Dahua Vision Technology Co., Ltd.
Address	: The 1 st floor, building F, No.1199 Bin'an road, Changhe Street, Binjiang District, Hangzhou, P.R. China.
Equipment	: NETWORK KEYBOARD , DOME KEYBOARD, CONTROL KEYBOARD , KEYBOARD
Model No.	: DH-NKB1000 , NKB1000, DHI-NKB1000 , OEM-NKB1000 , DH-KB1000, KB1000, DHI-KB1000 , OEM-KB1000 , DH-KBD1000, KBD1000 , DHI-KBD1000 , OEM-KBD1000, DH-NKB , DH-NKB3000 , DH-KBDB, NKB3000, DHI-NKB3000, OEM-NKB3000,DH-NKB3100, NKB3100, DHI-NKB3100, OEM-NKB3100,DH-UKB, UKB, DHI- UKB, OEM- UKB,DH-UKB1000, UKB1000, DHI- UKB1000, OEM- UKB1000

- The test result refers exclusively to the test presented test model / sample.
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History of this test report

☐ ORIGINAL.

☒ Additional attachment as following record:

Attachment No.	Date	Description
SEFD1401079	Jan 23,2014	Original
SEFD1401079-A	Mar 21,2014	First edition: Add two test prototypes.
SEFD1402094-A	Aug 11, 2015	Second edition: Add model names.



FCC DOC TEST REPORT

Declaration of Conformity

According to

47 CFR, Part 2, Part 15, CISPR PUB. 22

Applicant : Zhejiang Dahua Vision Technology Co., Ltd.

Address : The 1st floor, building F, No.1199 Bin'an road, Changhe Street,
Binjiang District, Hangzhou, P.R. China.

Equipment : NETWORK KEYBOARD , DOME KEYBOARD,
CONTROL KEYBOARD , KEYBOARD

Model No. : DH-NKB1000 , NKB1000, DHI-NKB1000 ,
OEM-NKB1000 , DH-KB1000, KB1000,
DHI-KB1000 , OEM-KB1000 , DH-KBD1000,
KBD1000 , DHI-KBD1000 , OEM-KBD1000,
DH-NKB , DH-NKB3000 , DH-KBDB,
NKB3000, DHI-NKB3000, OEM-NKB3000,
DH-NKB3100, NKB3100, DHI-NKB3100, OEM-NKB3100,
DH-UKB, UKB, DHI- UKB, OEM- UKB,DH-UKB1000,
UKB1000, DHI- UKB1000, OEM- UKB1000



I **HEREBY** CERTIFY THAT :

The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.4 – 2009** and the energy emitted by this equipment was **passed CISPR PUB. 22, FCC Part 15** in both radiated and conducted emission class B limits.
Testing was carried out on Mar 21, 2014 at CerpPASS Technology Corp.

Signature

Hill Chen

EMC/RF B.U. Assistant Manager



1. Summary of Test Procedure and Test Result

Test Item	Normative References	Test Result
Conducted Emission	ANSI C63.4-2009 FCC Part 15 Subpart B	PASS
Radiated Emission	ANSI C63.4-2009 FCC Part 15 Subpart B	PASS



2. Test Configuration of Equipment under Test

2.1. Manufacturer

Zhejiang Dahua Vision Technology Co., Ltd.


The 1st floor, building F, No.1199 Bin'an road, Changhe Street, Binjiang District, Hangzhou, P.R. China.

2.2. Feature of Equipment under Test

Second edition:

NETWORK KEYBOARD , DOME KEYBOARD, CONTROL KEYBOARD, KEYBOARD	Model No.:	DH-NKB1000 , NKB1000, DHI-NKB1000 , OEM-NKB1000 , DH-KB1000, KB1000, DHI-KB1000 , OEM-KB1000 , DH-KBD1000, KBD1000 , DHI-KBD1000 , OEM-KBD1000, DH-NKB , DH-NKB3000 , DH-KBDB, NKB3000, DHI-NKB3000, OEM-NKB3000,DH-NKB3100, NKB3100, DHI-NKB3100, OEM-NKB3100,DH-UKB, UKB, DHI- UKB, OEM- UKB,DH-UKB1000, UKB1000, DHI- UKB1000, OEM- UKB1000
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Original:

NETWORK KEYBOARD , DOME KEYBOARD, CONTROL KEYBOARD, KEYBOARD	Model No.:	DH-NKB1000 , NKB1000, DHI-NKB1000 , OEM-NKB1000 , DH-KB1000, KB1000, DHI-KB1000 , OEM-KB1000 , DH-KBD1000, KBD1000 , DHI-KBD1000 , OEM-KBD1000, DH-NKB , DH-NKB3000 , DH-KBDB
Remark	DHI-KB1000,DHI-KBD1000 were selected as the test model and their datas have been recorded in this report.	
Adapter	Model No.:	ADS-12B-12 12012Gz
	Input :	100-240V~ 50/60Hz Max.0.3A
	Output :	12V  1.0A



Models' Differences:

Second edition:

Model No	DH-NKB1000 , NKB1000, DHI-NKB1000 ,OEM-NKB1000 , DH-KB1000, KB1000, DHI-KB1000 , OEM-KB1000 , DH-KBD1000, KBD1000 , DHI-KBD1000 , OEM-KBD1000, DH-NKB , DH-NKB3000 , DH-KBDB, NKB3000, DHI-NKB3000, OEM-NKB3000,DH-NKB3100, NKB3100, DHI-NKB3100, OEM-NKB3100,DH-UKB, UKB, DHI- UKB, OEM-UKB,DH-UKB1000, UKB1000, DHI- UKB1000, OEM- UKB1000
Differences	1) NKB1000 support NET, 232,485 control DVR, NVD, ball machine. The difference between with "DH" and with "DHI" is different sale regions. 2) KB1000 support 485 control ball machine. The difference between with "DH" and with "DHI" is different sale regions. 3) KBD1000 support 232,485 control DVR, NVD, ball machine. The difference between with "DH" and with "DHI" is different sale regions. 4) The difference between the new models and the original model: only the sales regions are different.

Original:

Model No	DH-NKB1000 , NKB1000, DHI-NKB1000 ,OEM-NKB1000 , DH-KB1000, KB1000, DHI-KB1000 , OEM-KB1000 , DH-KBD1000, KBD1000 , DHI-KBD1000 , OEM-KBD1000, DH-NKB , DH-NKB3000 , DH-KBDB
Differences	1) NKB1000 support NET, 232,485 control DVR, NVD, ball machine. The difference between with "DH" and with "DHI" is different sale regions. 2) KB1000 support 485 control ball machine. The difference between with "DH" and with "DHI" is different sale regions. 3) KBD1000 support 232,485 control DVR, NVD, ball machine. The difference between with "DH" and with "DHI" is different sale regions.



2.3. Test Manner

Test Manner

- a During testing, the interface cables and equipment positions were varied according to ANSI C63.4-2009
- b Turn on the power of all equipment.
- c The complete test system included iPod and EUT for EMC test.

The pre-test modes

Test Mode 1: Normal Operation for DHI-KB1000

Test Mode 2: Normal Operation for DHI-KBD1000

Select the worst case of the pre-test modes as the final test mode

Test Mode 1: Normal Operation for DHI-KB1000

Test Mode 2: Normal Operation for DHI-KBD1000

**2.4. Description of Test System**

No.	Device	Manufacturer	Model No.	Description
1	iPod	APPLE	A1199	N/A

No.	Cable	Quantity	Description
A	USB Cable	1	Non-Shielded, 1.2m
B	RS232 Cable	1	Non-Shielded, 1.5m



2.5. General Information of Test

Test Site :	Cerpass Technology Corp. 2F-11, No. 3, Yuan Qu St., (Nankang Software Park), Taipei, Taiwan 115, R.O.C.
Test Site Location (OATS2-SD) :	No.68-1, Shihbachongsi, Shihding Township, Taipei City 223, Taiwan, R.O.C.
FCC Registration Number :	TW1049, TW1061
IC Registration Number :	4934B-1, 4934D-1
VCCI Registration Number :	T-1173 for Telecommunication Test C-4139 for Conducted emission test R-3428 for Radiated emission test G-97 for radiated disturbance above 1GHz
Frequency Range Investigated :	Conducted: from 150kHz to 30 MHz Radiation: from 30 MHz to 1,000 MHz Radiation: from 1,000 MHz to 18,000 MHz
Test Distance :	The test distance of radiated emission below 1GHz from antenna to EUT is 3 M. The test distance of radiated emission above 1GHz from antenna to EUT is 3 M.

2.6. Measurement Uncertainty

Measurement Item	Measurement Frequency	Polarization	Uncertainty
Conducted Emission	9 kHz ~ 30 MHz	LINE / NEUTRAL	3.25 dB
Radiated Emission	30 MHz ~ 1,000 MHz	Vertical / Horizontal	3.93 dB
	1,000 MHz ~ 18,000 MHz	Vertical / Horizontal	5.18 dB



3. Test of Conducted Emission

3.1. Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz on the 120 VAC power and return leads of the EUT according to the methods defined in ANSI C63.4-2009 Section 3.1. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 2.2. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

Conducted Emission Limits:

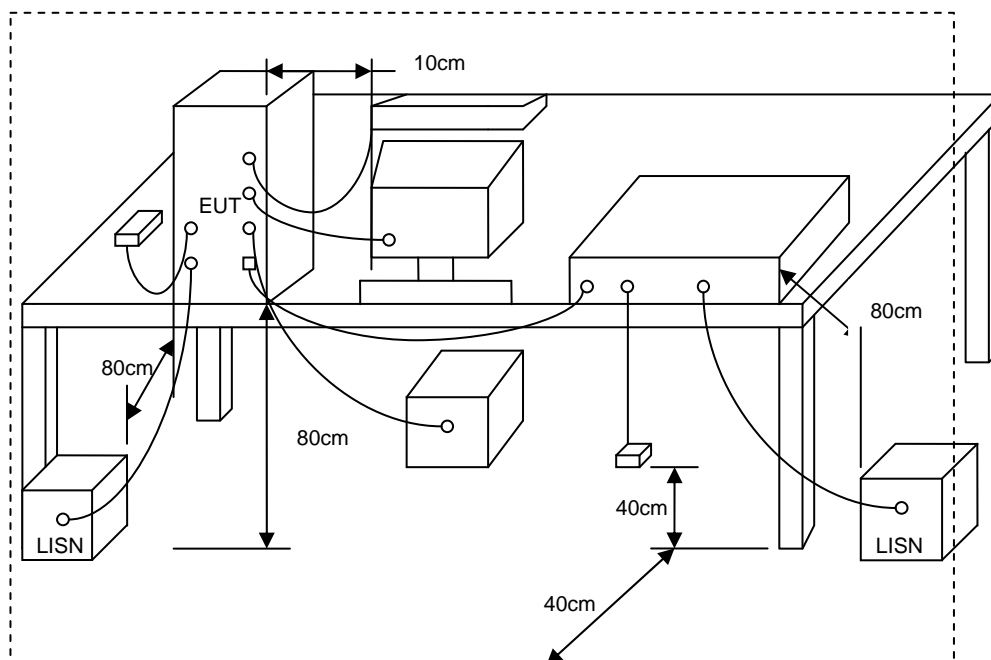
Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB μ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

3.2. Test Procedures

- The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- Connect EUT to the power mains through a line impedance stabilization network (LISN).
- All the support units are connecting to the other LISN.
- The LISN provides 50 ohm coupling impedance for the measuring instrument.
- The FCC states that a 50 ohm, 50 micro-Henry LISN should be used.
- Both sides of AC line were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched.
- Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.



3.3. Typical test Setup



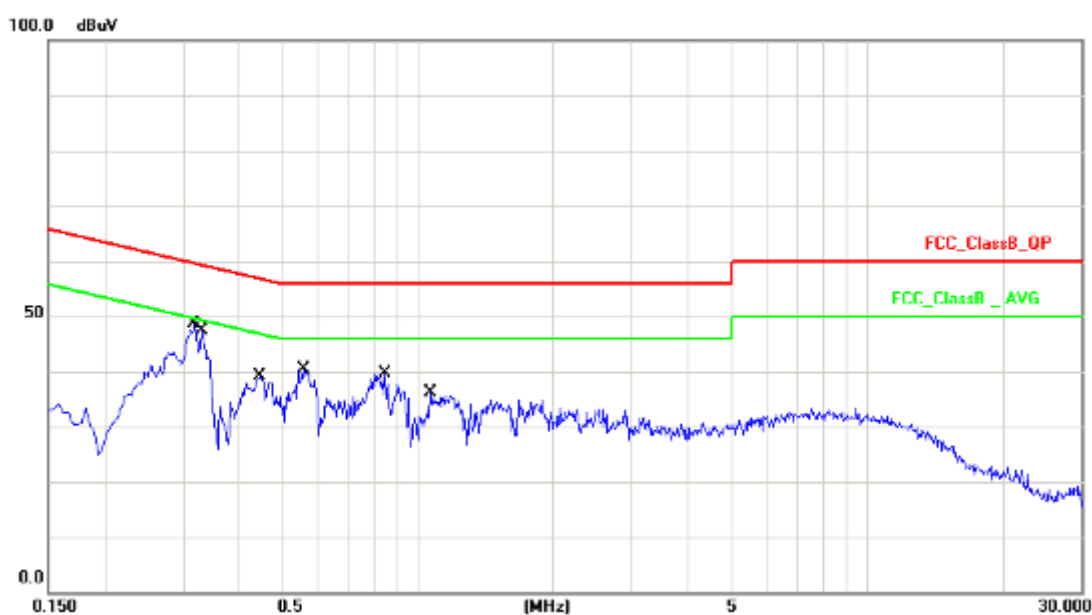
3.4. Measurement equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date.
Test Receiver	R&S	ESCI	100565	2014.03.09	2015.03.08
AMN	R&S	ESH2-Z5	100182	2013.09.11	2014.09.10
Two-Line V-Network	R&S	ENV216	100325	2013.12.04	2014.12.03
ISN	FCC	FCC-TLISN-T2-02	20379	2013.06.25	2014.06.24
ISN	FCC	FCC-TLISN-T4-02	20380	2013.06.25	2014.06.24
ISN	FCC	FCC-TLISN-T8-02	20381	2013.07.09	2014.07.08
ISN	TESEQ	ISN ST08	30175	2013.09.11	2014.09.10
Current Probe	R&S	EZ-17	100303	2014.03.09	2015.03.08
Passive Voltage Probe	R&S	ESH2-Z3	100026	2014.03.09	2015.03.08
Pulse Limiter	R&S	ESH3-Z2	100529	2014.03.09	2015.03.08
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-004	2014.03.09	2015.03.08



3.5. Test Result and Data

Test Mode :	Mode 1: Normal Operation for DHI-KB1000		
AC Power :	AC 120V/60Hz	Phase :	LINE
Equipment :	DOME KEYBOARD	Model No :	DHI-KB1000
Temperature :	24℃	Humidity :	42%
Pressure(mbar) :	1002	Date :	2014/03/17

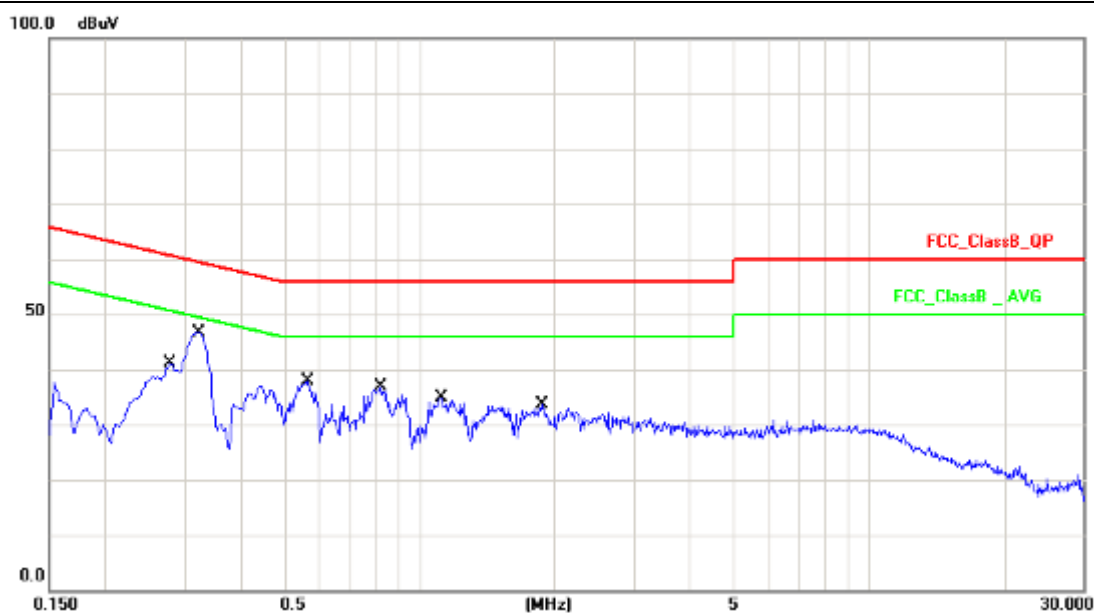


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.3180	10.14	35.50	45.64	59.76	-14.12	QP
2	0.3180	10.14	20.69	30.83	49.76	-18.93	AVG
3	0.3303	10.14	34.95	45.09	59.44	-14.35	QP
4	0.3303	10.14	21.57	31.71	49.44	-17.73	AVG
5	0.4460	10.15	25.92	36.07	56.95	-20.88	QP
6	0.4460	10.15	13.02	23.17	46.95	-23.78	AVG
7	0.5580	10.16	26.65	36.81	56.00	-19.19	QP
8	0.5580	10.16	13.38	23.54	46.00	-22.46	AVG
9	0.8460	10.15	24.34	34.49	56.00	-21.51	QP
10	0.8460	10.15	10.06	20.21	46.00	-25.79	AVG
11	1.0700	10.16	20.13	30.29	56.00	-25.71	QP
12	1.0700	10.16	7.30	17.46	46.00	-28.54	AVG

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 1: Normal Operation for DHI-KB1000		
AC Power :	AC 120V/60Hz	Phase :	NEUTRAL
Equipment :	DOME KEYBOARD	Model No :	DHI-KB1000
Temperature :	24℃	Humidity :	42%
Pressure(mbar) :	1002	Date :	2014/03/17

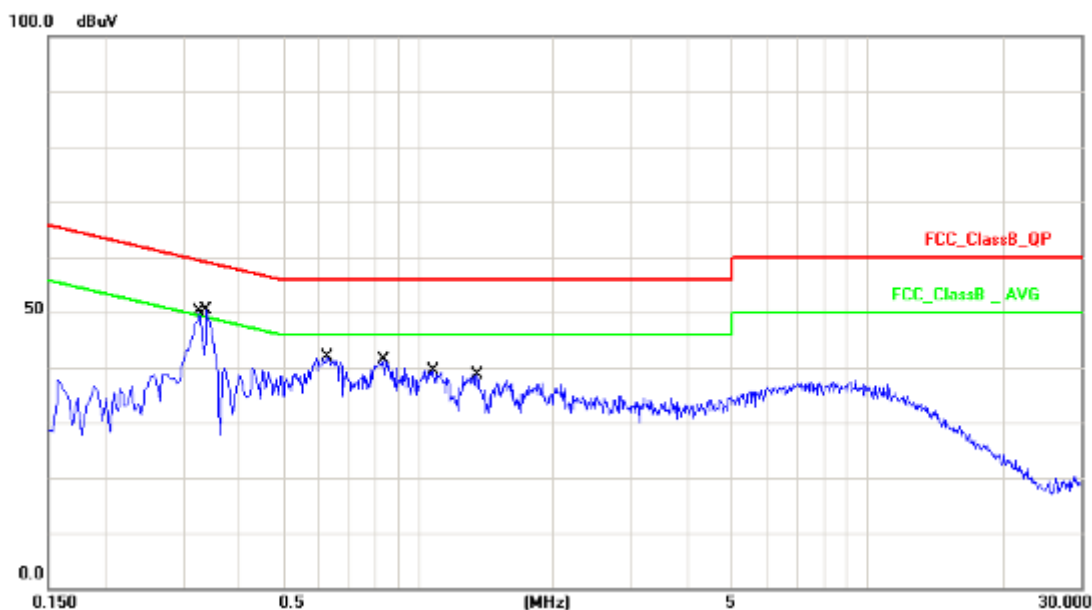


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2779	10.14	27.85	37.99	60.88	-22.89	QP
2	0.2779	10.14	17.57	27.71	50.88	-23.17	AVG
3	0.3220	10.14	33.88	44.02	59.65	-15.63	QP
4	0.3220	10.14	23.25	33.39	49.65	-16.26	AVG
5	0.5660	10.15	24.70	34.85	56.00	-21.15	QP
6	0.5660	10.15	15.16	25.31	46.00	-20.69	AVG
7	0.8260	10.16	23.15	33.31	56.00	-22.69	QP
8	0.8260	10.16	13.85	24.01	46.00	-21.99	AVG
9	1.1180	10.18	20.05	30.23	56.00	-25.77	QP
10	1.1180	10.18	11.96	22.14	46.00	-23.86	AVG
11	1.8700	10.18	17.86	28.04	56.00	-27.96	QP
12	1.8700	10.18	10.49	20.67	46.00	-25.33	AVG

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 2: Normal Operation for DHI-KBD1000		
AC Power :	AC 120V/60Hz	Phase :	LINE
Equipment :	DOME KEYBOARD	Model No :	DHI-KBD1000
Temperature :	24℃	Humidity :	42%
Pressure(mbar) :	1002	Date :	2014/03/17

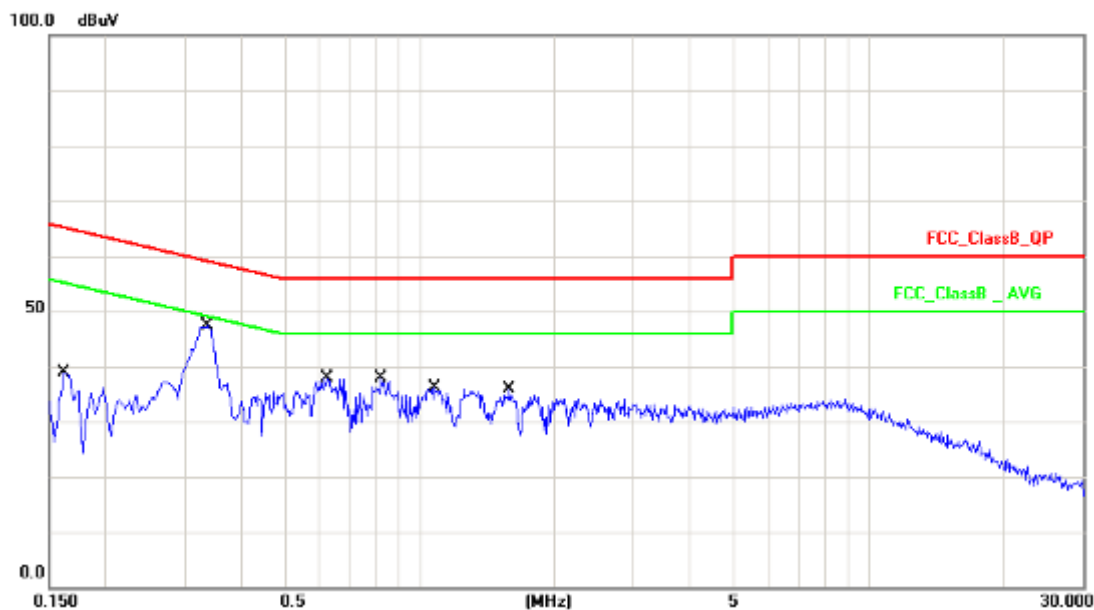


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.3260	10.14	37.47	47.61	59.55	-11.94	QP
2	0.3260	10.14	22.74	32.88	49.55	-16.67	AVG
3	0.3379	10.14	37.75	47.89	59.25	-11.36	QP
4	0.3379	10.14	23.07	33.21	49.25	-16.04	AVG
5	0.6300	10.15	27.89	38.04	56.00	-17.96	QP
6	0.6300	10.15	13.31	23.46	46.00	-22.54	AVG
7	0.8380	10.15	27.56	37.71	56.00	-18.29	QP
8	0.8380	10.15	13.21	23.36	46.00	-22.64	AVG
9	1.0859	10.16	25.39	35.55	56.00	-20.45	QP
10	1.0859	10.16	12.17	22.33	46.00	-23.67	AVG
11	1.3580	10.16	23.73	33.89	56.00	-22.11	QP
12	1.3580	10.16	10.79	20.95	46.00	-25.05	AVG

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 2: Normal Operation for DHI-KBD1000		
AC Power :	AC 120V/60Hz	Phase :	NEUTRAL
Equipment :	DOME KEYBOARD	Model No :	DHI-KBD1000
Temperature :	24℃	Humidity :	42%
Pressure(mbar) :	1002	Date :	2014/03/17



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1620	10.13	25.62	35.75	65.36	-29.61	QP
2	0.1620	10.13	11.47	21.60	55.36	-33.76	AVG
3	0.3379	10.14	35.14	45.28	59.25	-13.97	QP
4	0.3379	10.14	24.63	34.77	49.25	-14.48	AVG
5	0.6260	10.16	24.65	34.81	56.00	-21.19	QP
6	0.6260	10.16	14.40	24.56	46.00	-21.44	AVG
7	0.8260	10.16	23.95	34.11	56.00	-21.89	QP
8	0.8260	10.16	14.29	24.45	46.00	-21.55	AVG
9	1.0859	10.18	22.07	32.25	56.00	-23.75	QP
10	1.0859	10.18	13.06	23.24	46.00	-22.76	AVG
11	1.5859	10.18	21.25	31.43	56.00	-24.57	QP
12	1.5859	10.18	13.06	23.24	46.00	-22.76	AVG

Note: Measurement Level = Reading Level + Correct Factor

Test engineer: Dian



3.6. Test Photographs

Front View



Rear View





4. Test of Radiated Emission

4.1. Test Limit

Radiated emissions were measured with a bandwidth according to the methods defines in ANSI C63.4-2009. The EUT was placed on a nonmetallic stand in the open-field site, 0.8 meter above the ground plane, as shown in section 3.2. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions.

For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency (MHz)	Distance Meters	Radiated (μ V / M)	Radiated (dB μ V/ M)
30-88	3	100	40.0
88-216	3	150	43.5
216-960	3	200	46.0
Above 960	3	500	54.0

For unintentional device, according to CISPR PUB.22, for Class B digital devices, the general requirement of field strength of radiated emissions from intentional radiators at a distance of 10 meters shall not exceed the below table.

Frequency (MHz)	Distance Meters	Radiated (dB μ V/ M)
30-230	10	30
230-1000	10	37

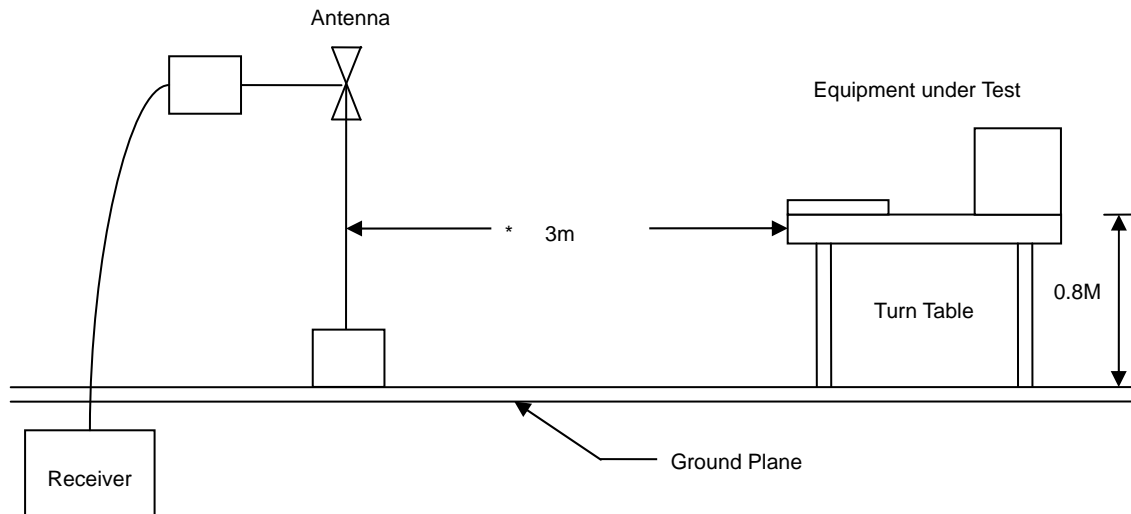
4.2. Test Procedures

- The EUT was placed on a Rota table top 0.8 meter above ground.
- The EUT was set 3/10 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- The table was rotated 360 degrees to determine the position of the highest radiation.
- The antenna is a half wave dipole and its height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
- For each suspected emission the EUT was arranged to its worst case and then tune the antenna tower (from 1 M to 4 M) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 6 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 6 dB margin will be repeated one by one using the quasi-peak method and reported.

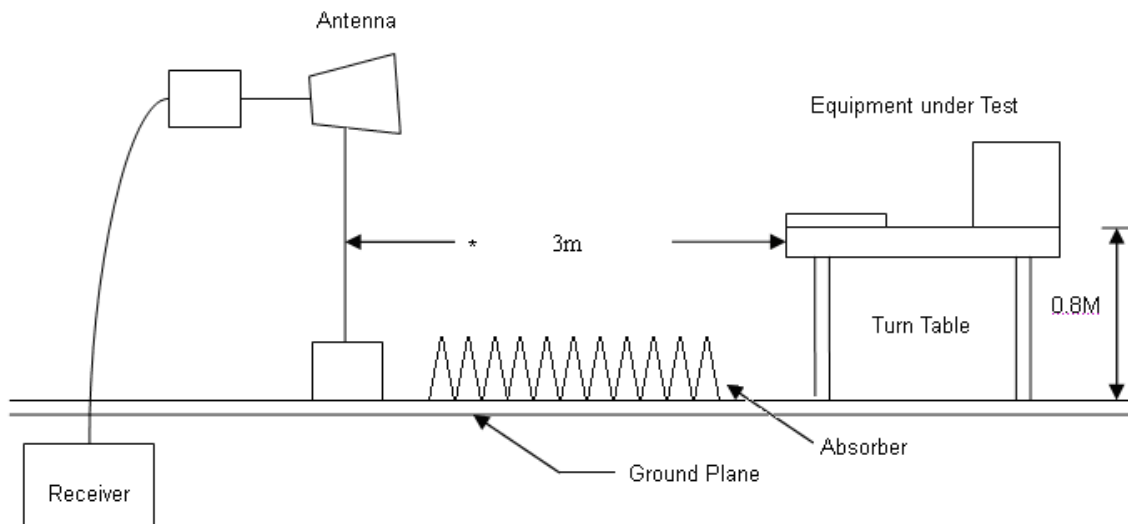


4.3. Typical test Setup

Below 1GHz Test Setup



Above 1GHz Test Setup



**4.4. Measurement equipment**

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date.
EMI Test Receiver	R&S	ESCI	100563	2014.03.09	2015.03.08
H64 Preamplifier	HP	8447F	3113A05582	2014.03.09	2015.03.08
Preamplifier	Agilent	8449B	3008A02342	2014.03.09	2015.03.08
Ultra Broadband Antenna	R&S	HL562	100362	2013.05.02	2014.05.01
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	9120D-619	2013.05.02	2014.05.01
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	9170-348	2013.11.04	2014.11.03
Spectrum Analyzer	R&S	FSP40	100324	2014.03.09	2015.03.08
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2014.03.09	2015.03.08



4.5. Test Result and Data (30MHz ~ 1000MHz)

Test Mode :	Mode 1: Normal Operation for DHI-KB1000		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Horizontal
Equipment :	DOME KEYBOARD	Model No :	DHI-KB1000
Temp :	24°C	Humidity :	42%
Pressure(mbar) :	1002	Date :	2014/02/19

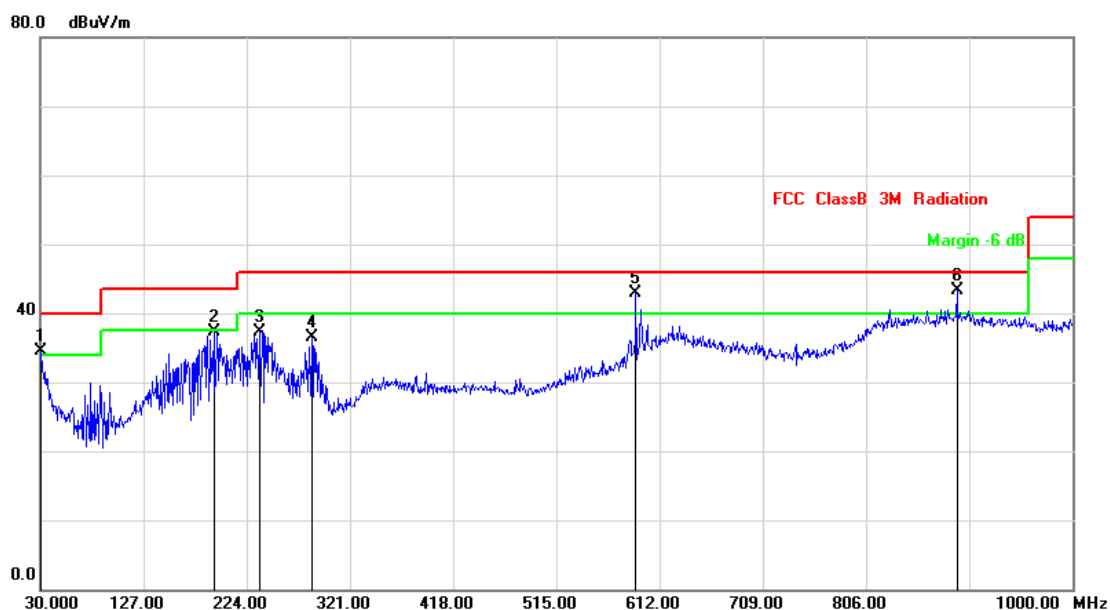


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	148.3400	-0.52	32.85	32.33	43.50	-11.17	QP	400	116
2	238.5500	-1.94	38.88	36.94	46.00	-9.06	QP	400	217
3	282.1999	1.01	43.01	44.02	46.00	-1.98	QP	300	175
4	589.6900	8.39	34.35	42.74	46.00	-3.26	QP	200	187
5	885.5399	14.13	26.33	40.46	46.00	-5.54	QP	100	159
6	938.8899	13.54	26.80	40.34	46.00	-5.66	QP	200	56

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 1: Normal Operation for DHI-KB1000		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Vertical
Equipment :	DOME KEYBOARD	Model No :	DHI-KB1000
Temp :	24°C	Humidity :	42%
Pressure(mbar) :	1002	Date :	2014/02/19



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	30.9700	6.96	27.46	34.42	40.00	-5.58	QP	300	54
2	192.9600	-0.92	38.22	37.30	43.50	-6.20	QP	100	171
3	235.6400	-1.98	39.34	37.36	46.00	-8.64	QP	100	360
4	285.1099	0.97	35.44	36.41	46.00	-9.59	QP	100	322
5	589.6900	8.39	34.43	42.82	46.00	-3.18	QP	300	293
6	891.3600	14.17	29.20	43.37	46.00	-2.63	QP	200	148

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 2: Normal Operation for DHI-KBD1000		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Horizontal
Equipment :	DOME KEYBOARD	Model No :	DHI-KBD1000
Temp :	24°C	Humidity :	42%
Pressure(mbar) :	1002	Date :	2014/02/19



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	148.3400	-0.52	33.14	32.62	43.50	-10.88	QP	400	116
2	257.9499	-2.13	38.70	36.57	46.00	-9.43	QP	400	138
3	288.9900	0.90	41.50	42.40	46.00	-3.60	QP	300	179
4	589.6900	8.39	33.81	42.20	46.00	-3.80	QP	100	157
5	890.3899	14.17	26.13	40.30	46.00	-5.70	QP	400	221
6	958.2899	13.23	26.55	39.78	46.00	-6.22	QP	200	44

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 2: Normal Operation for DHI-KBD1000		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Vertical
Equipment :	DOME KEYBOARD	Model No :	DHI-KBD1000
Temp :	24°C	Humidity :	42%
Pressure(mbar) :	1002	Date :	2014/02/19



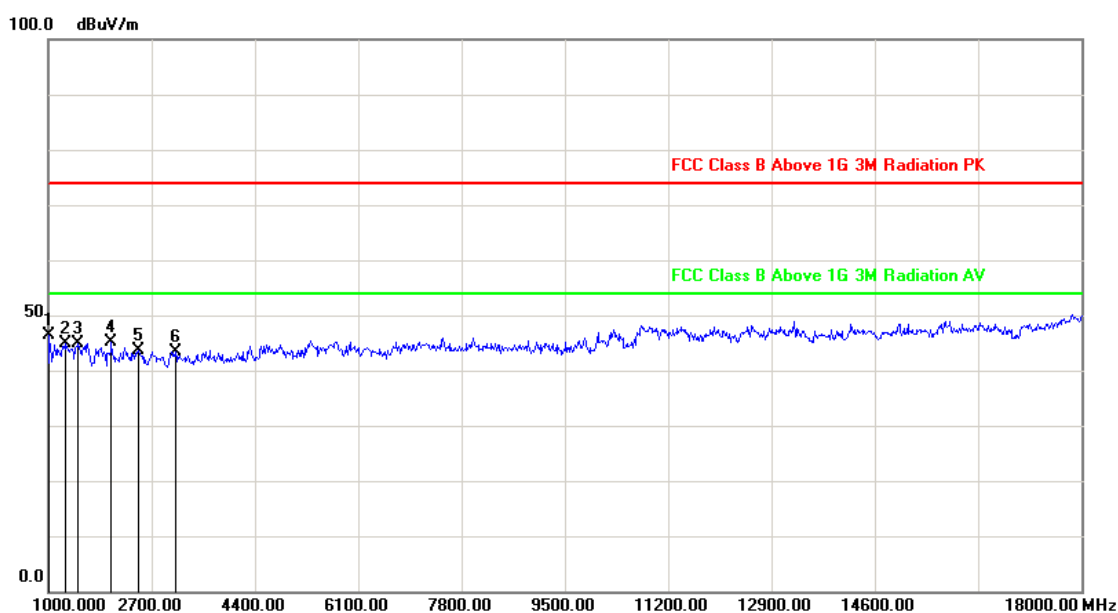
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	192.9600	-0.92	36.52	35.60	43.50	-7.90	QP	100	186
2	244.3700	-1.97	38.63	36.66	46.00	-9.34	QP	100	349
3	288.0200	0.92	36.09	37.01	46.00	-8.99	QP	100	329
4	589.6900	8.39	36.25	44.64	46.00	-1.36	QP	300	302
5	863.2300	13.96	26.15	40.11	46.00	-5.89	QP	400	129
6	911.7300	14.03	26.64	40.67	46.00	-5.33	QP	100	77

Note: Measurement Level = Reading Level + Correct Factor



4.6. Test Result and Data (1000MHz ~ 18000MHz)

Test Mode :	Mode 1: Normal Operation for DHI-KB1000		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Horizontal
Equipment :	DOME KEYBOARD	Model No :	DHI-KB1000
Temp :	24°C	Humidity :	42%
Pressure(mbar) :	1002	Date :	2014/03/18

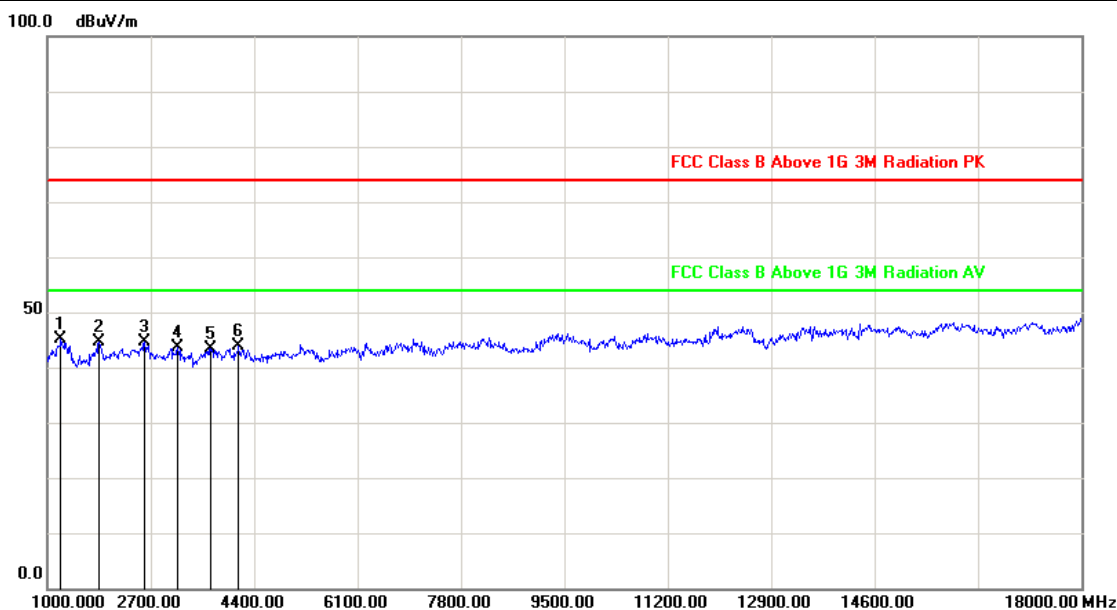


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	1000.0000	-6.87	53.30	46.43	74.00	-27.57	peak	200	126
2	1289.000	-5.66	50.44	44.78	74.00	-29.22	peak	300	34
3	1493.000	-4.81	49.65	44.84	74.00	-29.16	peak	100	56
4	2037.000	-2.58	47.73	45.15	74.00	-28.85	peak	100	321
5	2479.000	-1.10	44.81	43.71	74.00	-30.29	peak	100	1
6	3091.000	0.99	42.36	43.35	74.00	-30.65	peak	100	89

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 1: Normal Operation for DHI-KB1000		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Vertical
Equipment :	DOME KEYBOARD	Model No :	DHI-KB1000
Temp :	24°C	Humidity :	42%
Pressure(mbar) :	1002	Date :	2014/03/18

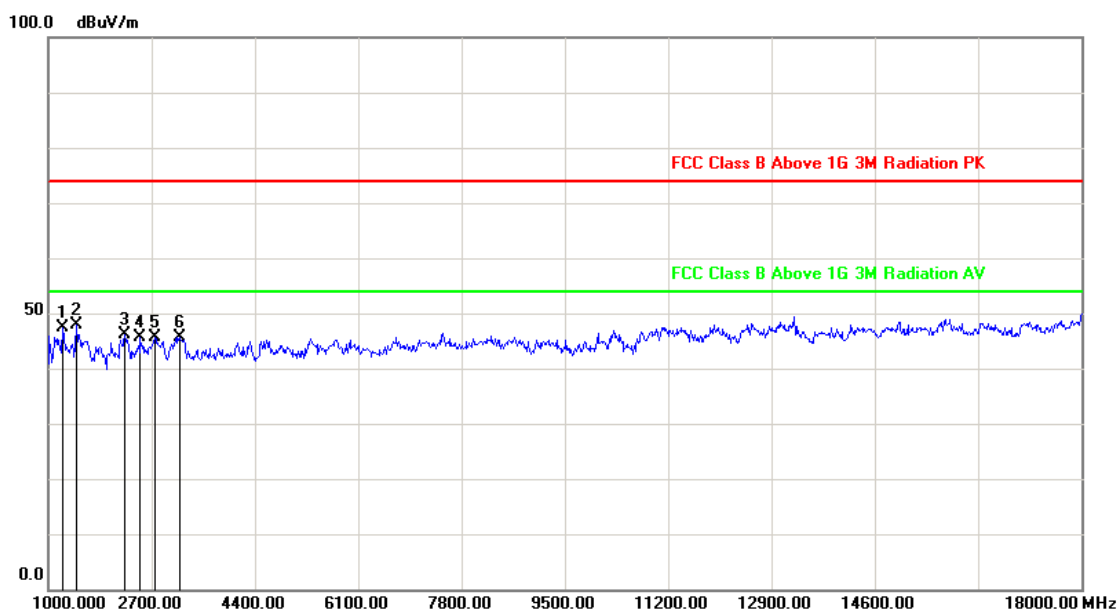


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	1221.000	-5.95	51.08	45.13	74.00	-28.87	peak	100	168
2	1850.000	-3.33	47.97	44.64	74.00	-29.36	peak	200	43
3	2598.000	-0.70	45.27	44.57	74.00	-29.43	peak	100	167
4	3142.000	1.18	42.39	43.57	74.00	-30.43	peak	100	93
5	3686.000	3.20	40.22	43.42	74.00	-30.58	peak	200	315
6	4145.000	4.72	39.20	43.92	74.00	-30.08	peak	100	2

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 2: Normal Operation for DHI-KBD1000		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Horizontal
Equipment :	DOME KEYBOARD	Model No :	DHI-KBD1000
Temp :	24°C	Humidity :	42%
Pressure(mbar) :	1002	Date :	2014/03/18

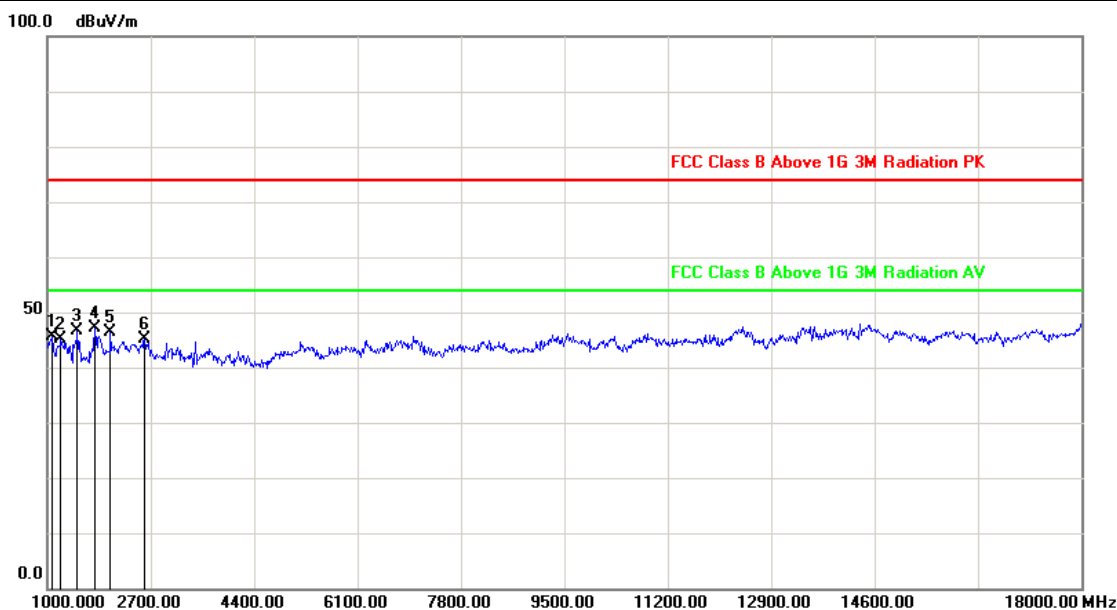


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	1238.000	-5.88	53.16	47.28	74.00	-26.72	peak	300	0
2	1459.000	-4.96	52.96	48.00	74.00	-26.00	peak	200	349
3	2258.000	-1.84	47.97	46.13	74.00	-27.87	peak	100	145
4	2513.000	-0.98	46.68	45.70	74.00	-28.30	peak	100	59
5	2751.000	-0.18	45.90	45.72	74.00	-28.28	peak	100	67
6	3159.000	1.24	44.50	45.74	74.00	-28.26	peak	400	2

Note: Measurement Level = Reading Level + Correct Factor



Test Mode :	Mode 2: Normal Operation for DHI-KBD1000		
AC Power :	AC 120V/60Hz	Ant. Polarization:	Vertical
Equipment :	DOME KEYBOARD	Model No :	DHI-KBD1000
Temp :	24°C	Humidity :	42%
Pressure(mbar) :	1002	Date :	2014/03/18



No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (deg)
1	1085.000	-6.52	52.22	45.70	74.00	-28.30	peak	100	82
2	1221.000	-5.95	51.08	45.13	74.00	-28.87	peak	100	135
3	1493.000	-4.81	51.51	46.70	74.00	-27.30	peak	200	16
4	1782.000	-3.61	50.72	47.11	74.00	-26.89	peak	100	46
5	2037.000	-2.58	48.89	46.31	74.00	-27.69	peak	300	324
6	2598.000	-0.70	45.77	45.07	74.00	-28.93	peak	100	78

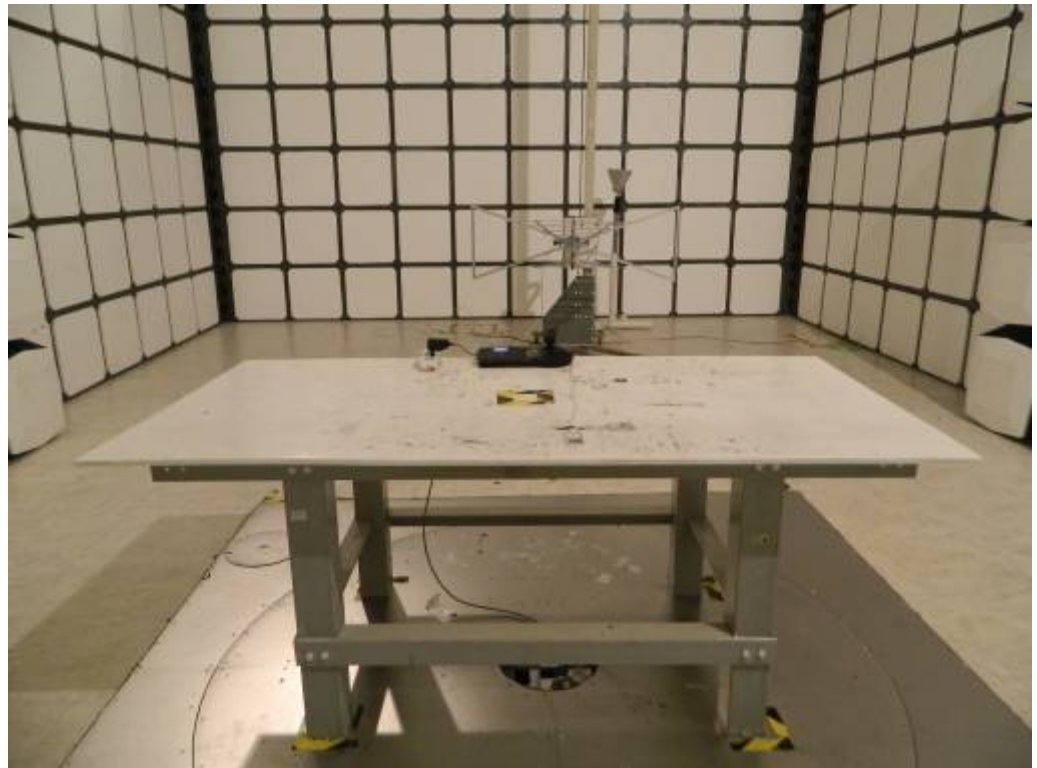
Note: Measurement Level = Reading Level + Correct Factor

Test engineer: Karp

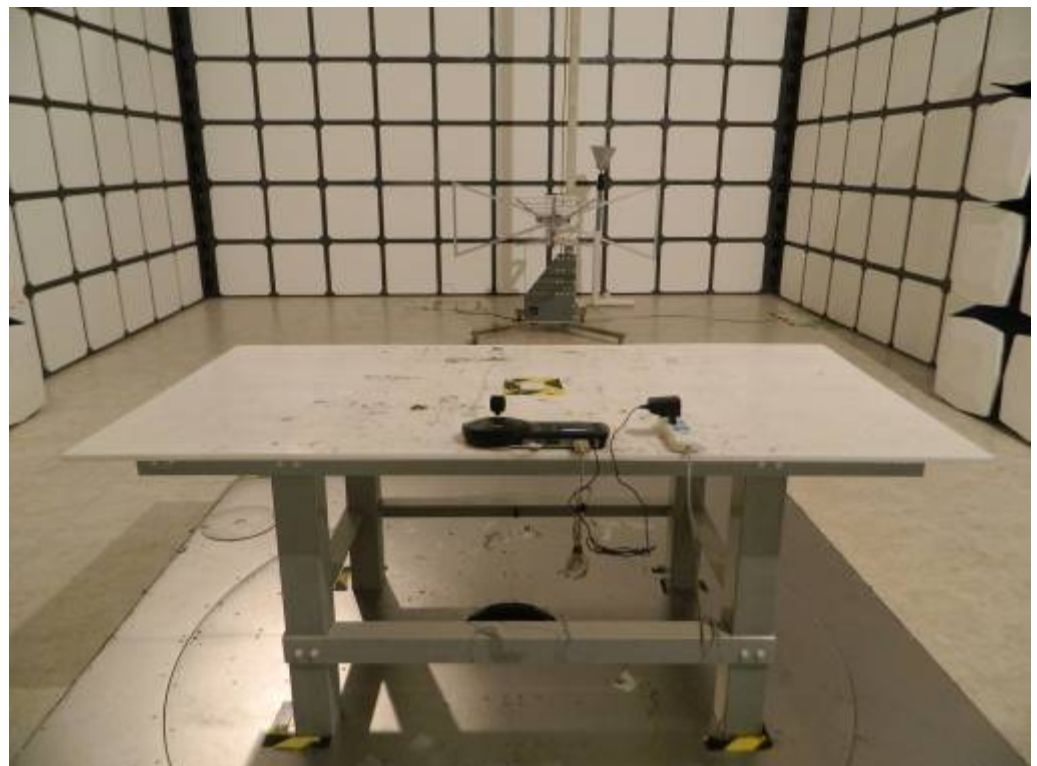


4.7. Test Photographs (30MHz ~ 1000MHz)

Front View



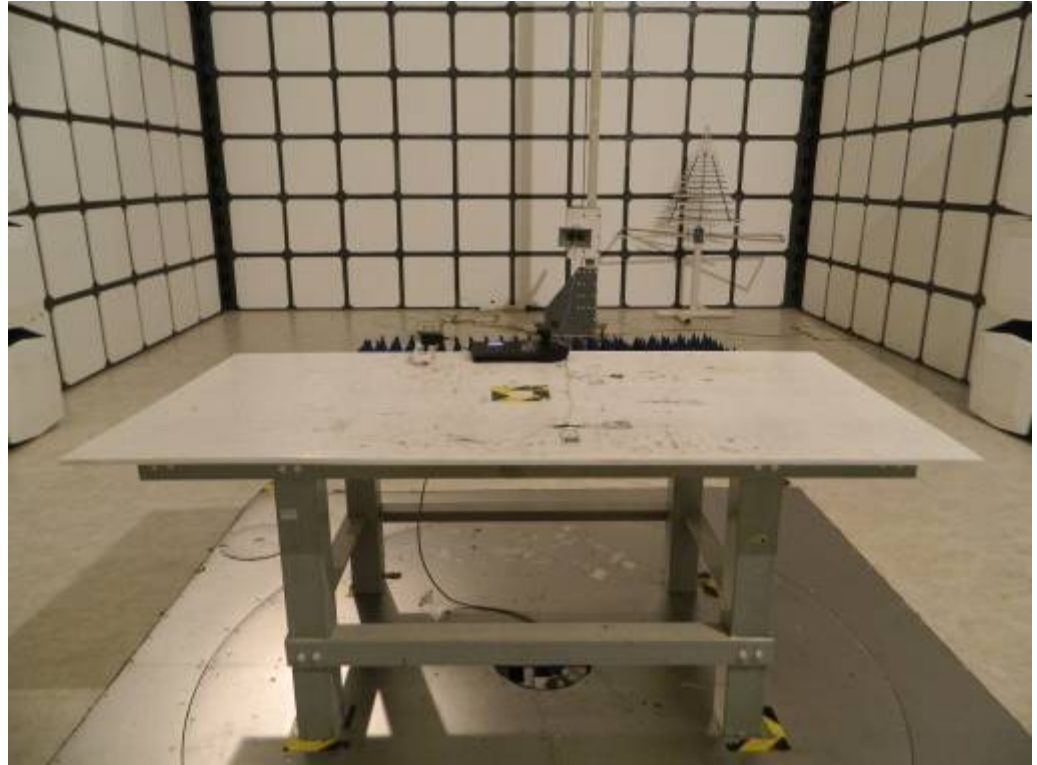
Rear View





4.8. Test Photographs (1000MHz ~ 18000MHz)

Front View



Rear View





5. Photographs of EUT

1) EUT Photo(DHI-KB1000)



2) EUT Photo(DHI-KB1000)





3) EUT Photo(DHI-KB1000)



4) EUT Photo(DHI-KB1000)





5) EUT Photo(DHI-KB1000)

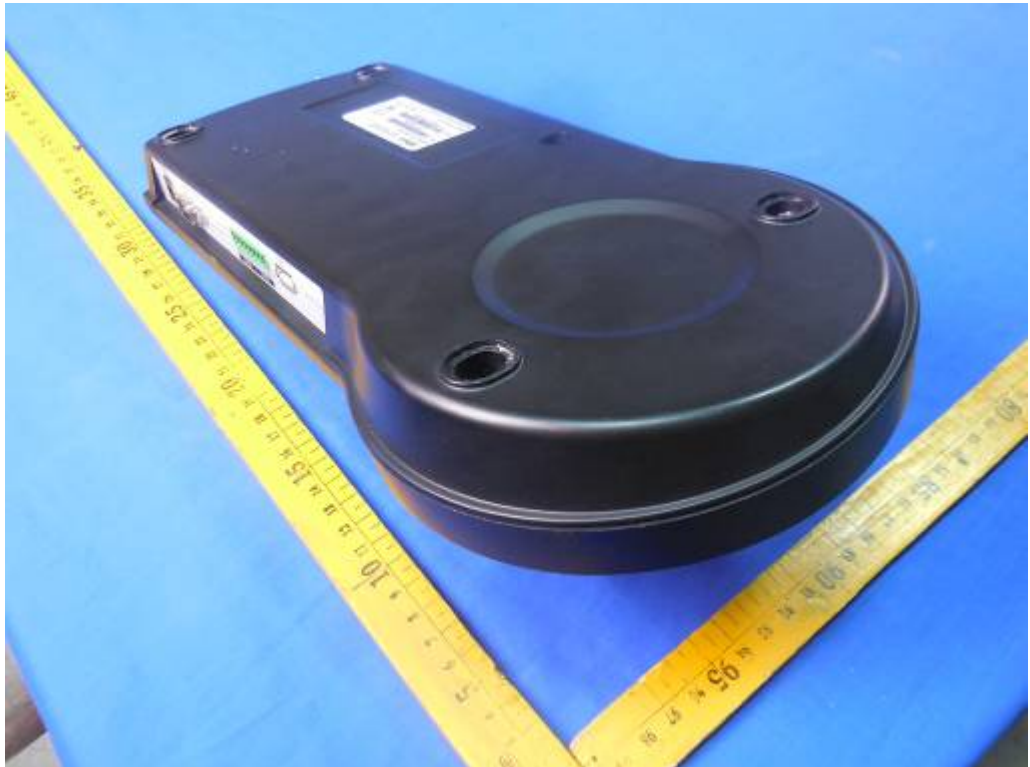


6) EUT Photo(DHI-KBD1000)





7) EUT Photo(DHI-KBD1000)



8) EUT Photo(DHI-KBD1000)





9) EUT Photo(DHI-KBD1000)



10) EUT Photo(DHI-KBD1000)





11) EUT Photo(Adapter)



12) EUT Photo(Adapter)





13) EUT Photo(Adapter)



14) EUT Photo(Adapter)

